



Atty Dkt No. 7610-0001.03  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Richard N. ELLSON et al.

Confirmation No.: 4548

Serial No.: 10/623,487

Group Art Unit: 2853

Filing Date: July 18, 2003

Examiner: Unassigned

Title: ACOUSTIC EJECTION OF FLUIDS FROM A PLURALITY OF RESERVOIRS

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

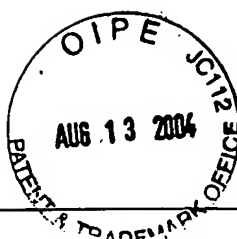
Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

The references identified below were disclosed and/or cited in parent application Serial No. 09/964,212, filed September 25, 2001. As such, copies of the references are not included pursuant to the provisions of 37 CFR § 1.98(d).

A PTO-1449 form listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Document No.	Issue Date or Publication Date	Name of Patentee or Applicant
4,308,547	12/29/81	Lovelady et al.
4,697,195	9/29/87	Quate et al.
4,719,476	1/12/88	Elrod et al.
4,751,529	6/14/88	Elrod et al.
4,751,530	6/14/88	Elrod et al.
4,751,534	6/14/88	Elrod et al.
4,797,693	1/10/89	Quate
4,801,953	1/31/89	Quate
4,959,674	9/25/90	Khri-Yakub et al.
5,041,849	8/20/91	Quate et al.
5,087,931	2/11/92	Rawson



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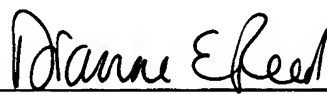
U.S. PATENT DOCUMENTS		
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5,122,818	6/16/92	Elrod et al.
5,216,451	6/1/93	Rawson et al.
5,229,016	7/20/93	Hayes et al.
5,229,793	7/20/93	Hadimioglu et al.
5,231,426	7/27/93	Sweet
5,339,101	8/16/94	Rawson et al.
5,377,902	1/3/95	Hayes
5,392,064	2/21/95	Hadimioglu et al.
5,415,679	5/16/95	Wallace
5,436,327	7/25/95	Southern et al.
5,498,444	3/12/96	Hayes
5,520,715	5/28/96	Oeftering
5,556,752	9/17/96	Lockhart et al.
5,591,490	1/7/97	Quate
5,608,433	3/4/97	Quate
5,629,724	5/13/97	Elrod et al.
5,631,678	5/20/97	Hadimioglu et al.
5,643,353	7/1/97	Wallace et al.
5,658,802	8/19/97	Hayes et al.
5,669,971	9/23/97	Bok et al.
5,722,479	3/3/98	Oeftering
5,744,305	4/28/98	Fodor et al.
5,798,779	8/25/98	Nakayasu et al.
5,808,636	9/15/98	Stearns
5,959,297	9/28/99	Weinberg et al.
5,985,356	11/16/99	Schultz et al.
6,004,617	12/21/99	Schultz et al.
6,010,316	1/4/00	Haller et al.
6,015,880	1/18/00	Baldeschieler et al.
6,028,189	2/22/00	Blanchard
6,029,896	2/29/00	Self et al.
6,030,917	2/29/00	Weinberg et al.
6,034,775	3/7/00	McFarland et al.
6,045,671	4/4/00	Wu et al.
6,087,181	7/11/00	Cong
6,187,164	2/13/01	Warren et al.
6,416,164	7/9/02	Stearns et al.
2002/0037359	3/28/02	Mutz et al.
2002/0037375	3/28/02	Ellson et al.
2002/0037527	3/28/02	Ellson et al.
2002/0042077	4/11/02	Ellson
Serial No. 09/669,194	Filed 9/25/00	Ellson et al.
Serial No. 09/669,267	Filed 9/25/00	Ellson
Serial No. 09/669,997	Filed 9/25/00	Mutz et al.

NONPATENT DOCUMENTS
ELROD et al. (1989), "Nozzleless Droplet Formation with Focused Acoustic Beams," <i>J. Appl. Phys.</i> <u>65</u> (9):3441-3447.
HADIMIOGLU et al. (1992), "Acoustic Ink Printing," <i>Ultrasonics Symposium</i> , pp. 929-935.
MACBEATH et al. (2000), "Printing Proteins as Microarrays for High-Throughput Function Determination," <i>Science</i> <u>289</u> :1760-1763.
THERIAULT et al. (1999), "Application of Ink-jet Printing Technology to the Manufacture of Molecular Arrays," <i>DNA Microarrays, A Practical Approach</i> , Ed. M. Schena, Chapter 6 (Oxford University Press).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor.

Respectfully submitted,

By:   
Dianne E. Reed  
Registration No. 31,292

REED & EBERLE LLP  
800 Menlo Avenue, Suite 210  
Menlo Park, California 94025  
(650) 330-0900 Telephone  
(650) 330-0980 Facsimile

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/623,487
Filing Date	July 18, 2003
First Named Inventor	Richard N. ELLSON et al.
Art Unit	2853
Examiner Name	Unassigned
Attorney Docket Number	7610-0001.03

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
	AA	4,308,547	12/29/81	Lovelady et al.			
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	BQ	6,030,917	2/29/00	Weinberg et al.			

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>			
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				Filing Date		July 18, 2003	
				First Named Inventor		Richard N. ELLSON et al.	
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Sheet	2	of	2	Attorney Docket Number		7610-0001.03	

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	BR	6,034,775	3/7/00	McFarland et al.			
	BS	6,045,671	4/4/00	Wu et al.			
	BT	6,087,181	7/11/00	Cong			
	BU	6,187,164	2/13/01	Warren et al.			
	BV	6,416,164	7/9/02	Stearns et al.			
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	BX	2002/0037375	3/28/02	Ellson et al.			
	BY	2002/0037527	3/28/02	Ellson et al.			
	BZ	2002/0042077	4/11/02	Ellson			
	CA	Serial No. 09/669,194		Ellson et al.			9/25/00
	CB	Serial No. 09/669,267		Ellson			9/25/00
	CC	Serial No. 09/669,997		Mutz et al.			9/25/00

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	CD	ELROD et al. (1989), "Nozzleless Droplet Formation with Focused Acoustic Beams," <i>J. Appl. Phys.</i> 65(9):3441-3447.	
	CE	HADIMIOGLU et al. (1992), "Acoustic Ink Printing," <i>Ultrasonics Symposium</i> , pp. 929-935.	
	CF	MACBEATH et al. (2000), "Printing Proteins as Microarrays for High-Throughput Function Determination," <i>Science</i> 289:1760-1763.	
	CG	THERIAULT et al. (1999), "Application of Ink-jet Printing Technology to the Manufacture of Molecular Arrays," <i>DNA Microarrays, A Practical Approach</i> , Ed. M. Schena, Chapter 6 (Oxford University Press).	

Examiner Signature		Date Considered	
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